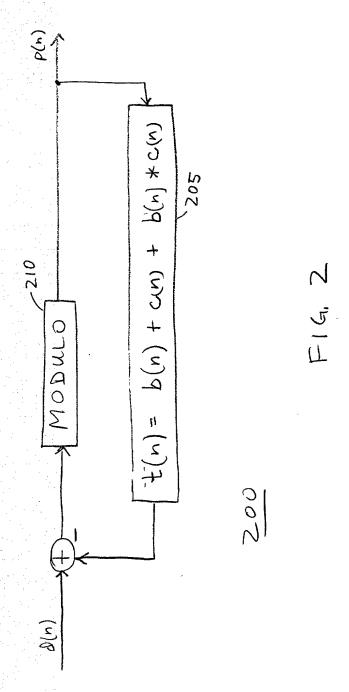
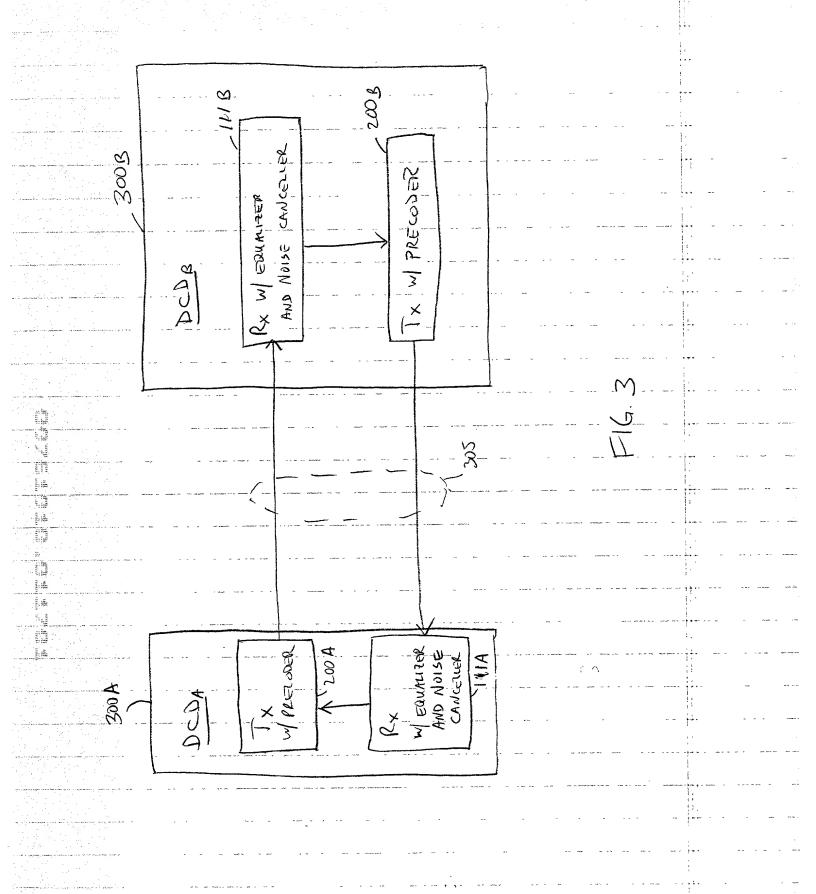
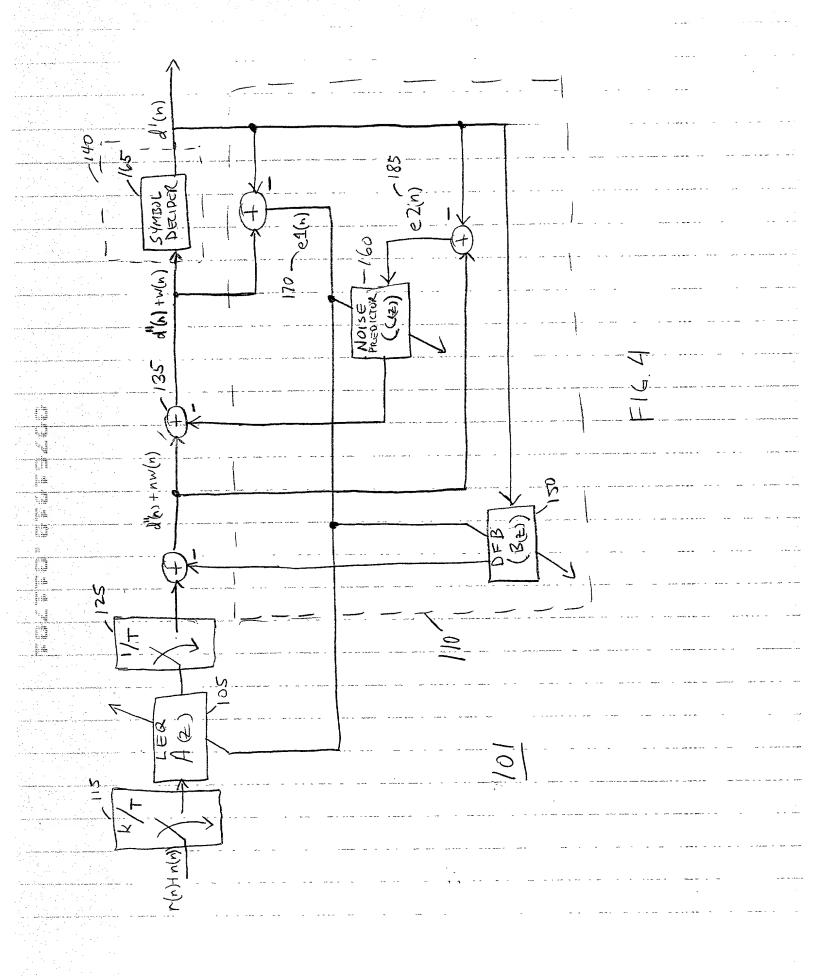
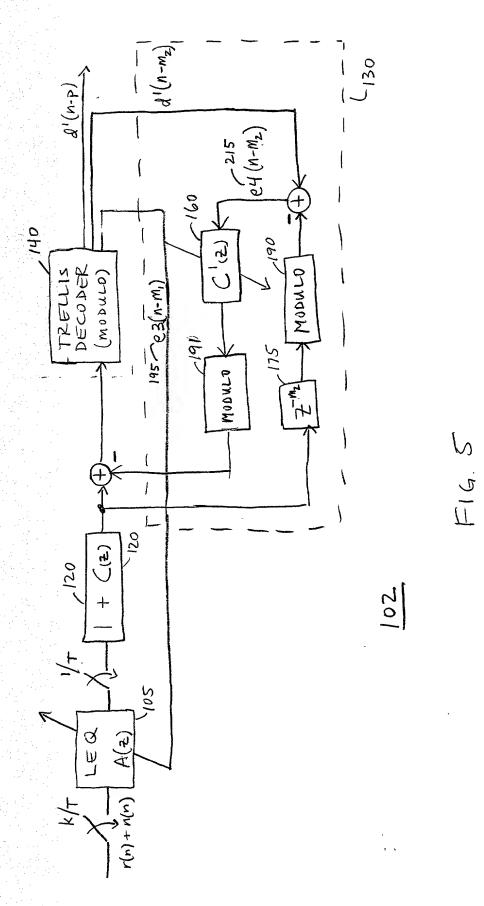


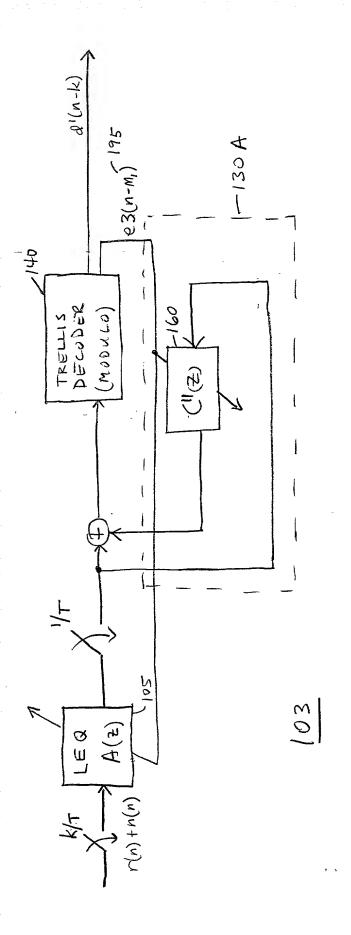
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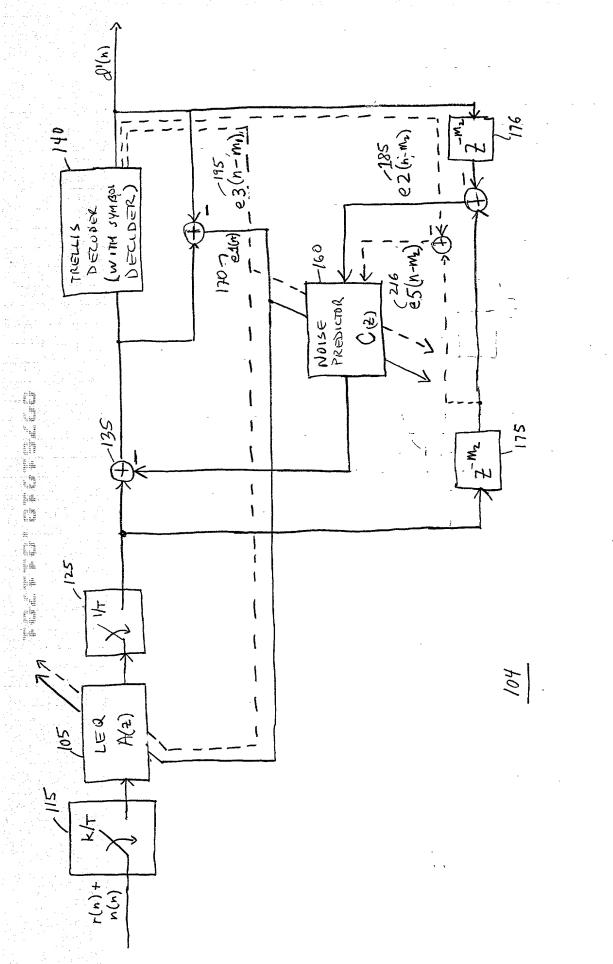




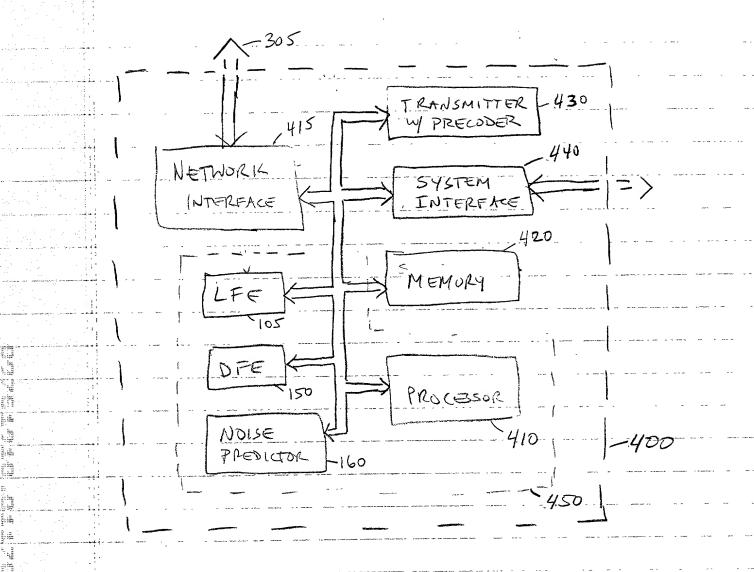




F16.6



F1G.7



F16. 8

START: RECEITE TRAINING SIGNAL) 500 FIG. 9 HAVING NOISE AND EST
DETERMINE A PLURALITY OF LINEAR FEEDFORWARD EQUALIZATION COEFFICIENTS a(n), UTILIZING A K/T SAMPLE PATE AND ADAPTING TO A FIRST TRANSING ERROR SIGNAL (FOR PRE-CURSOR EQUALIZATION AND EST REDUCTION).
NO PREZODING TO BE UTILIZED? > 510
165
DETERMINE A PLURALITY OF DELISION FEEDBACK EQUALIZATION (COEFFICIENTS b(n), UTILIZING A ILT SAMPLE RATE, AND ADAPTING TOTRE FIRST PRAINING ERROR SIGNAL (FOR POST-CURSOR EQUALIZATION AND EST REDUCTION).
DETERMINE A PLURALITY OF COKRELATED NOISE REDUCTION COEFFICIENTS C(N), UTILIZING A 1/T SAMPLE RATE, HAVING AN INPUT OF A SECOND TRAINING ERROR SIGNAL AND ADAPTING TO THE FIRST TRAINING ERROR SIGNAL FOR CORRELATED NOISE REDUCTION.
TRAINING PERIOD COMPLETE? NO 520
PRECUDING TO BE UTILIZED? YES
DETERMINE A PLURACITY OF COEFFICIENTS $t(n)$ FOR PREZODING, WITH $t(n) = b(n) + c(n) + b(n) * c(n)$, AND FOR BERK 10-7, RESET COEFFICIENTS C(n) TO ZERO
RECEIVE AND TRECUS DECODE TRANSMITTED DATA - 540
DETERMINE AND SELECT A TRELLE PATH HAVING A -545 SMALLEST CUMULATIVE ERROR
DETERMINE A BRANCH ERIOR (METRIC), ASSOCIATED WITH A SELECTED PREVIOUS STATE OF THE SELECTED TRELLIS PATH, TO FORM A TRELLIS ERROR SIGNAL.
(Q) N WITH ADAPTATION TO THE TREMS ERROR SIGNAL
UPDATE CORRELATED NOISE REDUCTION COEFFICIENTS C(N) WITH APAPTATION TO THE TREMS ERROR SIGNAL AND WITH INPUT OF A TENTATIVE ERROR SIGNAL, THE TENTATIVE ERROR SIGNAL FORMED AS A DIFFERENCE BETWEEN A TENTATIVE SYMBOL DELISION (Q'(n-m2)) AND THE REZERVED DATA SIGNAL SUBSEQUENT TO ERUALIZATION (AND FILTERING).
NO COMMUNICATION SESSION COMPLETED? > 565

age or grande

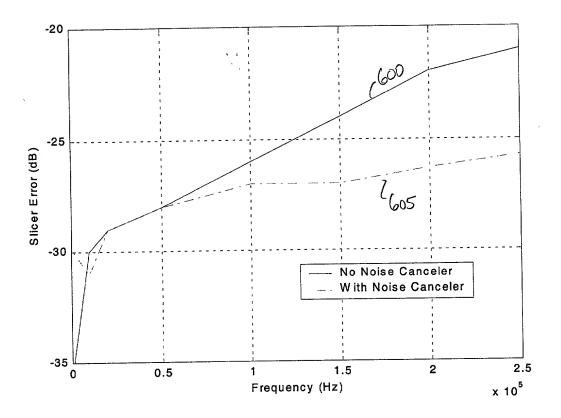


Figure 10

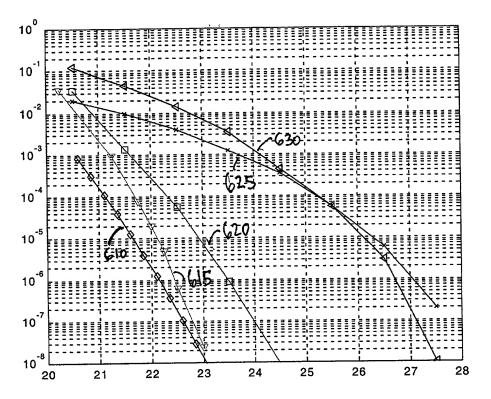


Figure 11

	720 ,735	
	Crosstalk Environment	Correlation Canceller Improved Performance Margin(dB)
700 /	24T1+24 HDSL2 (C)	1.4
705	39 HDSL2 (C)	1.5
710	24 ADSL+24 HDSL(C)	1.8
715	24 T1+24 HDSL2 (R)	1.4

Figure 12